ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Danny Huang	01/15/02	02-0023	—	(301)925-0837	2023C	RDEV

8. CCR Title: Install JDOM 1.0 Beta 7, JDBC API 2.0 and Web GLIS 3.2.1 on dasher in IDG Cellon dasher in IDG Cell

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 1/16/02
Danny Huang /s/ 1/15/02	IN	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Timothy w. Ortiz /s/ 1/15/02	EDF (RTSC)	Routine

16. Documentation/Drawings Impacted: None	17. Schedule Impact: N/A	18. CI(s) Affected: Synergy data Pool Insert(JDOM), Data Acccess(JDBC API), and online science data requests (webglis)

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:
solaris 8 upgrade. Activity ID: DVICTC8088 for JDOM, DVICTC8104 for JDBC API, DVICTC8136 for Web GLIS.

23. Problem: (use additional Sheets if necessary)
1. The Data Pool Insert utility is responsible for converting ECS ODL format metedata to XML for storage on the Data Pool disks. This functionality is inplemented in Java, using a COTS product called JDOM (1.0 beta 7).
2. The data pool database access utility is responsible for retriving and manipulating data in sybase. This functionality is implementaed in java, using a COTS product called JDBC API (JDBC 2.0 Standard Extension API).
3. Online requests can be placed via GLIS for earth science data in Data Pool. The COTS product is Web GLIS 3.2.1. It needs to work with Apacher 1.3.22.

24. Proposed Solution: (use additional sheets if necessary)
Use the same install instruction as CCR01-0809 for solaris 2.5.1 to Install the same package of jdom 1.0b7, jdbc2.0 standard Extension API and webglis on "dasher" . Place them at /usr/ecs/OPS/COTS/

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Data Pool Insert, data access fuction and online science dtata access canot be completed.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☒EDF ☐PVC ☐VATC ☐EDC ☐ GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Byron J. Kimball /s/ 1/16/02 Randall J. Miller /s/ 1/16/02	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

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